

KARDASZEWICZ, Ewa; MASNY, Natalia; SINGER, Zbigniew

Lactic acid dehydrogenase in the light of clinical studies. Pol. arch.  
med. wewnet. 32 no.1:31-36 '62.

1. Z I Kliniki Chorob Wewnetrznych Slaskiej AM Kierownik: prof. dr.  
med. J. Japa.

(LACTIC DEHYDROGENASE blood)

KARDASZEWICZ, Ewa

Attempted 6-mercaptopurine therapy of immunoerythro- and  
immunothrombocytopaties. Pol. med. wewnet. 32 no.7:507-508  
'62.

1. Z I Kliniki Chorob Wewnetrznych Sl. AM w Katowicach Kierownik:  
prof. dr med. J. Japa.  
(MERCAPTOPURINE) (ALLERGY) (HEMORRHAGIC DIATHESIS)  
(ANEMIA HEMOLYTIC)

POLAND

GREGORCZYK, Karol, KARDASZEWICZ, Ewa, and GASINSKI, Jozef;  
First Clinic of Internal Diseases (I Klinika Chorob Wewnetrz-  
nych) (Director: Prof. Dr. J. JAPA) and Second Surgical Clinic  
(II Klinika Chirurgiczna) (Director: Prof. Dr. J. GASINSKI),  
Sl. AM [Slaska Akademia Medyczna, Silesian Medical Academy] in  
Katowice

"Tumor of Small Intestine Causing Hemorrhages in Patient with  
Cirrhosis of Liver. Case Report."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 30, 22 Jul 63,  
pp 1107-1108

Abstract: [Authors' English summary] Authors discuss the dif-  
ficulties in the diagnosis of tumors of the small intestine,  
and report a case of patient with congenital heart defect and  
liver cirrhosis, where severe massive bleedings from the  
gastro-intestinal tract were caused by a tumor of the small-  
intestine. After successful surgical removal of the tumor  
(leiomyoma), hemorrhages from the lower part of the small in-  
testine ceased. There are 13 references, of which three (3)  
are in English and ten (10) in Polish.

1/1

14

Tumor of the small intestine as a cause of hemorrhage in a  
patient with liver cirrhosis. Pol. tyg. lek. 18 no.30:1107-  
1108 JI '63.

1. Z I Kliniki Chorob Wewnetrznych Sl. AM kierownik: prof.  
dr J. Japa i z II Kliniki Chirurgicznej Sl. AM kierownik:  
prof. dr J. Gasinski.

(INTESTINAL NEOPLASMS) (LEIOMYOMA)  
(INTESTINE, SMALL) (LIVER CHRRHOSIS)  
(HEMORRHAGE, GASTROINTESTINAL)

KARDASZEWICZ, Ewa

Hematologic changes in staphylococcal septicemia. Pol. tyg. lek.  
19 no.42:1612-1615 19 0 '64

1. Z I. Kliniki Chorob Wewnętrznych Śląskiej Akademii Medycznej  
w Katowicach (kierownik: prof. dr. med. J. Japa)

KARDASZEWICZ, Ewa

Studies on the LE factor in immunological syndromes. Pol. arch.  
med. wewnet. 34 no.12:1587-1592 '64.

1. Z I Kliniki Chorob Wewnętrznych Śląskiej Akademii Medycznej  
(Kierownik: prof. dr. med. J. Japa).

KARDASZEWICZ, Ewa

Latex test under clinical conditions. Pol. tyg. lek. 20 no.34:  
1287-1288 23 Ag '65.

1. Z I Kliniki Chorob Wewnetrznych Slaskiej AM (Kierownik: prof.  
dr. J. Japa).

NARDASZKOWSKI, J. J. (J. J. NARDASZKOWSKI)

Chronic nephritis. Pol. Wzr. Lek. 40.10:501-570 19 Ap 1965.

Instytut Kliniki Chorob Niewydolności Serca i Nerek (Kierownik:  
prof. dr. Józef Japa).

KARDASZEWICZ, J.

KARDASZEWICZ, J.; GAZYPOWSKI, W.

"Requirements of the metallurgical industry for special electric machines." p. 71.  
(Przegląd Elektrotechniczny, Vol. 30, no. 2, Feb 54, Warszawa)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncl



KARDASZEWICZ, J.:

POLAND

W. GRZYBONSKI and J. KARDASZEWICZ, "Automatisierung kontinuierlicher Walzstrassen,"  
Neue Huette, Vol. 1, No. 3, Berlin, Jan 56.

(Rough Translation of title: Automatic Continuously Rolling Mill)  
Previously published in Przeglad Mechaniczny, Warsaw, Nos. 3 & 4, 1955.

KARDASZEWICZ, Jerzy

Driving speed automatic control of continuous rolling mills through motor flux alteration. Archiw automat 7 no.3/4:533-539 '62.

1. Katedra Elektrotechniki Hutniczej, Akademia Gorniczo-Hutnicza, Krakow.

HAGEL, Ryszard; KARDASZEWICZ, Jerzy

Development trends in electric drive and metallurgical automation in the light of the results of the scientific-technical conference of the member countries of the Council for Mutual Economic Assistance in Kharkov. Problemy proj hut maszyn 10 no.12:382-384 D '62.

1. Instytut Metalurgii Felaza, Gliwice (for Hagel). 2. Biprojekt, Gliwice, (for Kardaszewicz).

KARDASZEWICZ, Jerzy; SZMIDEL, Wlodzimierz

Feeding and velocity control of the main drive of rolling mills. Problemy proj hut maszyn 12 no. 2: 49-53 F '64.

1. Biprohut, Gliwice (for Kardaszewicz). 2. Elektromontaz, Warszawa (for Szmidel).

*KARDASZEWICZ, Stefania*  
GREGORCZYK, Karol; FOREMNY, Zbigniew; NORSKI, Stefan; KARDASZEWICZ, Stefania

Three cases of perforation of the intraventricular septum in the course of myocardial infarct diagnosed during life. Polskie tygod. lek. 12 no.44: 1696-1699 4 Nov 57.

1. Z I Kliniki Chorob Wewnętrznych Śląskiej Akademii Medycznej w Zabrzu; kierownik: prof. Jozef Japa. Adres: Zabrze, ul. 3 Maja 13. I Klinika Chorob Wewnętrznych Sl. A.M.

(MYOCARDIAL INFARCT, compl.

perf. of intraventric. septum (Pol))

(CARDIAC SEPTUM, perf.

intraventric., in case of myocardial infarct (Pol))

POLAND / Human and Animal Physiology (Normal and Pathological).      T-4  
Blood.

Abs Jour    : Ref Zhur - Biologiya, No 13, 1958, No. 60329  
Author      : Gregorczyk, K.; Kardaszewicz, S.  
Inst        : Not given  
Title       : The Normal EKG in Pregnancy and Post Partum  
Orig Pub    : Polski tygod. lekar., 1957, 12, No 29, 113-117

Abstract    : No abstract given

Card 1/1

55

JAPA, Jozef; FOREMNY, Zbigniew; KARDASZEWICZ, Stefania; SZACHOWSKI, Jędrzej

Acute idiopathic pericarditis with signs of acute disease of the abdominal cavity. Polski tygod.lek.15 no.7:255-256 15 F '60.

1. Z I Kliniki Chorob Wewnetrznych Sl. A.M. kierownik: prof.dr.  
Jozef Japa.

(PERICARDITIS diag.)

KARDASZEWICZ, Stefania; MASNY, Natalia

Pyruvic acid level in the blood and attempted use of cocarboxylase (berolase) in circulatory insufficiency. Polski tygod.lek. 16 no.5: 165-167 30 Ja '61.

1. Z I Kliniki Chorob Wewnetrznych Sl. A.M. w Zabrze; kierownik:  
prof. dr Jozef Japa.

(PYRUVATES blood)

(COCARBOXYLASE ther)

(HEART FAILURE CONGESTIVE ther)



KARDASZEWICZ, Stefania; SZACHOWSKI, Jędrzej; MACHALSKI, Marek

Diagnostic errors in myocardial infarcts. Polskie arch. med. wewn.  
31 no.3:321-327 '61.

1. Z I Kliniki Chorob Węwnętrznych Sl. A.M. Kierownik: prof. dr med.  
J. Japa.

(MYOCARDIAL INFARCT diag)

JAPA, Jozef; KARDASZEWICZ, Stefania

Subacute thyroiditis. Endodr. pol. 13 no.1:101-103 '62.

1. I Klinika Chorob Wewnętrznych Śląskiej AM Kierownik: prof. dr  
J.Japa.

(THYROIDITIS case reports)

MARUASHVILI, G.M.; RAKRADZE, T.L.; KANDEIAKI, N.S.; VEKUA, M.A.; KARDAVA, A.G.

Quinocide therapy in malaria. Med. paraz. i paraz. bol. 27 no.4:  
406-408 J1-Ag '58. (MIRA 12:2)

1. Iz Nauchno-issledovatel'skogo instituta malyarii i meditsinskoy  
parazitologii imeni prof. S.S. Virsaladze (dir. - prof. G.M. Maruash-  
vili), Respublikanskoy sanitarno-epidemiologicheskoy stantsii Abkhaz-  
skoy ASSR (glavnyy vrach V.L. Gvaliya) i Zuglidskoy rayonnoy sanitar-  
no-epidemiologicheskoy stantsii (glavnyy vrach B.K. Gobechiya).  
(ANTIMALARIALS, ther. use,  
quinocide Rus))

BAKRADZE, T.L.; GABUNIYA, L.V.; KARDAVA, A.G.; NAROUHVILI, L.V.

Comparative studies on final quinocide therapy in tertian malaria  
[with summary in English]. Med.paraz. i paraz.bolezn. 23 no.1:80-84  
Ja-F '59. (MIRA 12:3)

1. Iz epidemiologicheskogo otdela Nauchno-issledovatel'skogo instituta  
malyarii i meditsinskoy parazitologii imeni prof. S.S. Virsaladze  
Ministerstva zdravookhraneniya Gruzinskoy SSR (Dir. instituta - prof.  
G.M. Maruashvili, rukovoditel' otdeleniya S.S. Abuladze).

(ANTIMALARIAIS, ther. use,  
quinocide in tertian malaria, comparison  
with other methods (Rus))

1. KARDE, V.
2. USSR (600)
4. Kolyma - Concentration Camps
7. Kolyma during and after the war. Sots.vest. 33, No. 2-3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

KARDELO, A.

Yugoslavia (430)

Zagreb. (Monthly theoretical organ  
of the Central Committee of the Com-  
munist Party of Yugoslavia) Vol 6,  
No 1-2, January-March, 1952.

East European Accessions List. Library  
of Congress, Vol 1, No 13, November  
1952.

UNCLASSIFIED

"Card 2 of 2"

MANDELI, E.

"Some problems of our policy in villages." p. 1. (SOCIALIST GEN. MANDELJEWELDA,  
Vol. 4, no. 2/3, Feb./Mar. 1953. Belograd, Yugoslavia)

80: Monthly List of East European Accessions Vol. 2, #8, Library of Congress  
August, 1953, Incl.

KARDELJ, Edvard  
SURNAME (in caps); Given Name

Country: Yugoslavia

Academic Degrees: not given

Affiliation: Vice-president of the Federal Executive Council of the Federal  
People's Republic of Yugoslavia (Potpredsednik Saveznog izvrnog  
veca Federativno Narodne Republike Jugoslavije)

xxxxxxx

Source: Belgrade, Jugoslovensko pronalazastvo, No 5, May 1961, p. 1.

Data: "From the Speech of Edvard Kardelj Concerning the Development of  
Research and Inventions in Yugoslavia."



KARDEMSKIY, Boris Anastas'yevich

[Mathematical know-how] Matematicheskaya smekalka. Izd. 2-oe.  
Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1955. 1 v. (MLRA 9:8)  
(Mathematical recreations)

*KARDEVAN, A.*  
KARDEVAN, A.; KAPP, P.

Incidence of toxoplasmosis in domestic animals in Hungary. Acta microb. hung. 4 no.3:237-251 1957.

1. Institut für Pathologische Anatomie der Veterinarmedizinischen Hochschule, Budapest.

(TOXOPLASMOSIS

in domestic animals in Hungary (Ger))

(ANIMALS, dis.

toxoplasmosis in domestic animals in Hungary (Ger))

KARDEVAN, Andor, dr.; VETESI, Ferenc, dr.

Waxy degeneration of skeletal muscles in paratyphoid. Magyar  
allatorv lap 19 no.2:63-65 F '64.

1. Chair of Pathological Anatomy, University of Veterinary  
Medicine (Head of Chair: University professor Dr. Gyula Balvi,  
corresponding member, Hungarian Academy of Sciences), Budapest

HUNGARY

KARDEVAN, A., and VETESI, F., Chair of Pathological Anatomy at the University for Veterinary Sciences [original-language version not given] in Budapest (Head: SALYI, Gy., Professor).

"On the Generalized Aspergillosis in Horses"

Budapest, Acta Veterinaria Academiae Scientiarum Hungaricae, Vol 16, No 2, 27 Jun 1966, pp 193-205.

Abstract: [German article] A detailed report is presented on an outbreak observed in a combine [location not given] during which the horses showed excessive salivation and high fever. The fungus responsible for this outbreak was identified as Aspergillus fumigatus. The fodder was found to be contaminated by mould; the weakened state of the horses made them susceptible to the effects of Bacterium pyosepticum (viscosum). The findings were described in detail. 33 references, including 2 Hungarian, 3 Russian, 1 Czechoslovak, 12 German, and 15 Western. (Manuscript received 1 Nov 1965).

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HUNGARY

KARDEVAN, A., Chair of Pathological Anatomy at the University for Veterinary Sciences [original-language version not given] in Budapest (Head: SALYI, Gy., Professor).

"Investigation of Tissue Changes Caused in Rabbits by Experimental Infection with Aspergillus Fumigatus"

Budapest, Acta Veterinaria Academiae Scientiarum Hungaricae, Vol 16, No 2, 27 Jun 1966, pp 207-218.

Abstract: [German article] Pathological-anatomical and histological studies were performed on the various tissues in rabbits experimentally infected with Aspergillus fumigatus. The changes in the various tissues were quite different; however, all animals showed necrotic growth in the kidney and diphteroidal changes in the large intestine. In the initial stages of the infection there was widespread evidence of pseudoeosinophilic granulocytes. Mucocytic growth, and later granulomas, developed in the liver, in the spleen, in the lymphatic nodes, and in the lungs. Fifteen photomicrographs were presented. The findings in the experimental studies may not be directly applied to conditions under natural infection. 12 references, including 6 German, 1 Rumanian, and 5 Western. (Manuscript received 1 Nov 1966).  
1/1

- 235 -

LAMI, Gy.; KARDEVAN, A.

The effect of various amounts, repeatedly and by various methods injected Intradex on dextran storage. II. Histochemical examination of the storage process and the accompanying tissue changes. Acta veterin. acad. sci. Hung. 15 no.2:188-196 '65

1. Lehrstuhl und Klinik für Innere Medizin (Leiter: Prof. J. Moeszy und Lehrstuhl für Pathologische Anatomie (Leiter: Prof. Gy. Salyi) der Veterinärmedizinischen Universität, Budapest.

HUNGARY/Diseases of Farm Animals - Diseases Caused by Protozoa. R-3

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45439

Author : Kardevan, Andor; Kapp, Pal

Inst : -

Title : Studies in the Detection of Toxoplasmosis in Domestic Animals. The Isolation of a Strain of Toxoplasma in Hungary.

Orig Pub : Magyar allatorv. lapja, 1957, 12, No 1-2, 17-22.

Abstract : As a result of the pathologico-anatomic and histologic investigation of 20 dead bodies of dogs which died with marked symptoms of the plague, encephalitis of toxoplasmic origin was detected in two dogs. Toxoplasma organisms were found in their brains. The authors are of the opinion that the virus of plague in dogs predisposes to toxoplasmosis, which often constitutes a complication of the plague. The pathologico-anatomic data regarding a cat and a rabbit, which died with the symptoms of paralysis

Card 1/2

BASOV, Nikolay Ivanovich; KARDEYEV, Vitaliy Vasil'yevich;  
FELIPCHUK, Igor' Iosifovich; SKURATOV, Vladimir  
Kirillovich

[Present-day status of the processing of thermoplastic  
materials; review of foreign equipment and techniques]  
Sovremennoe sostoyanie pererabotki termoplastichnykh ma-  
terialov; obzor zarubezhnoi tekhniki. Moskva, TSentr.  
in-t tekhniko-ekon. informatsii, 1961. 139 p.  
(MIRA 17:11)



KARDEYEVA, A. A.

"Disturbances of Intestinal Function in Gastric Resection Ulcer Patients."  
Cand Med Sci, Acad Med Sci USSR, Moscow, 1954. (KL, No 3, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher  
Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

4133 KARDEYEVA, A. A.

Narysheniya funktsiy kishechnika u gol'nykh s rezektsiey zheludka po povodu  
yazvennoy boleznii. M., 1954 10 s. 20 sm. (Akad. med. nauk SSSR). 100 ekz.  
B. ts - (54-56855)

Country : USSR  
 Category : Soil Science. Physical and Chemical Properties of Soils. J  
 Abs Jour : RZhBiol., No 6, 1959, No 24605  
 Author : Kardinalov'ska, R. I.  
 Inst :  
 Title : Determination of Absorbed Potassium in Soils with the Aid of Sodium Tetraphenylborate.  
 Orig Pub : Byul. nauchn. inform. po zemlerobstvu, 1958, No. 3, 64-66  
 Abstract : Results are submitted for the content determination of absorbed potassium in the soils with the aid of sodium tetraphenylborate, hydrochloric acid and the cobalt nitrite method (Milne modification). A wide application at the massive analyses of the soils is recommended - the method of determination with the aid of

Card : 1/2

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Country : USSR  
 Category : Soil Science. Physical and Chemical Properties of Soils. J  
 Abs Jour : RZhBiol., No 6, 1959, No 24605  
 Author :  
 Inst :  
 Title :  
 Orig Pub :  
 Abstract : sodium tetraphenylborate. This method may be used to obtain rapidly data of adequate accuracy ( $\pm 2$  percent). -- P. V. Shramko

Card : 2/2

KARDINALOVSKAYA, R. I., Cand Agr Sci -- (diss) "Reactions in the soil and the utilization of potassium by plants, as introduced in fertilizers." Kiev, 1960. 20 pp with diagrams; (Ministry of Agriculture Ukrainian SSR, Ukrainian Academy of Agricultural Sciences); 150 copies; price not given; (KL, 21-60, 127)

MIGAL', P.K., prof.; KARDIVARENKO, M.A., dotsent; KRENIS, G.A.

New adsorbent from mineral raw materials of Moldavia. Uch. zap.  
Kish. un. 68:97-99 '63 [cover '64].

(MIRA 18:12)

KARDO, J.

Comparative studies on datura stramonium and its symbiotic micro-organism. Acta biol. acad. sci. Hung. 14 no.4:285-292 '64.

1. Department of pathological anatomy, Medical University, Pecs (Head: G. Romhányi).



KARDON, Bela; KISS, Dezso; FADEL MOHAMED ALI; LOVAS, Istvan; ZAMORI, Zoltan

Energy measurement of the gamma radiation due to slow neutron capture.  
Koz fiz kozl MTA 8 no.2/3:87-105 '60. (EEAI 10:4)

1. A Magyar Tudomanos Akademia Kozponti Fizikai Kutato Intezete,  
Magfizika I. Laboratorium.  
(Gamma rays) (Neutrons) (Spectrometer)



KARDON, Rudolf' Yanovich; PERKHO, F.I.

{Apple trees}Iablonia. Leningrad, Tad-vo sel'khoz.lit-ry,  
sbornikov i plakatov, 1962. 270 p. (MIRA 15:12)  
(Apple)

ACC NR: AT7001735

SOURCE CODE: UR/2776/66/000/044/0117/0123

AUTHOR: Grishlov, A. I.; Kardonov, B. A.; Pravdin, A. V.; Tikhonov, A. S.

ORG: none

TITLE: Rolling of a plate from KhN67VMTYu alloy

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii. Sbornik trudov, no. 44, 1966. Tekhnologicheskiye i teoreticheskiye voprosy prokatki (Technological and theoretical problems of rolling), 117-123

TOPIC TAGS. heat resistant alloy, <sup>metal</sup>rolling, <sup>mechanical property, nickel base alloy,</sup> ~~plate~~ ~~rolling~~ /KhN67VMTYu nickel base alloy

ABSTRACT: A method of rolling plates 5-18 x 1000 x 2000 from KhN67VMTYu heat-resistant nickel-base alloy with high strength properties at 850-900C is described. Forged 560-kg slabs, 120-125 x 500 x 1000 mm, were preheated in a continuous furnace and rolled at 1180-950C from 120 to 25 mm on the 2200 mill and then from 25 to 8 mm on the 1700 mill. Rolling on the three-high 2200 mill was done with two heatings. After the first heating the slabs were reduced in 22-24 passes to 70-80 mm and after the second reheating they were reduced in 18-20 passes to 25-28 mm. The finish temperature was not lower than

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ACC NR: AT7001735

920C. Further rolling to a determined plate thickness was done on the three-high 1700 mill with one or two heatings (1160—1170C), depending on the plate thickness. The finish temperature for plates 8—10 mm thick was 900—930C and for 15 mm plates, 1000C and higher. Plates 12—18 mm thick were cut in two parts and after heating were rolled to a determined thickness. The rolled plates had a tensile strength of 100 kg/mm<sup>2</sup>, a yield strength of 58 kg/mm<sup>2</sup>, an elongation of 18%, a reduction of area of 20%, and a notch toughness of 5 kgm/cm<sup>2</sup>. After rolling, plates 15 or 8—10 mm thick were heated in a continuous furnace for 10 min to 1100 or 1120—1130C, respectively, and then cooled to 750—800C under a water shower and then in air. The heat-treated sheets were then subjected to alkaline and acid pickling followed by blanching. Orig. art. has: 4 figures and 5 tables.

SUB CODE: 1311/ SUBM DATE: none

Card . 2/2

KARDONSKIY, V.M.

Evaluation of extinction coefficients. Kristallografiia 5 no.3:  
359-363 My-Je '60. (MIRA 13:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy  
metallurgii.  
(X-ray crystallography)

S/124/63/000/002/041/052  
D234/D308

AUTHORS: Kardonskiy, V.M., Kurdyumov, G.V. and Perkas, M.D.

TITLE: The connection between the variation in fine structure and resistance to plastic deformation in metals and alloys after strengthening

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 2, 1963, 61, abstract 2V510 (Sb. tr. In-t metalloved. i fiz. metallov. Tsentr. n.-i. in-ta chernoy metallurgii, 1962, v. 7, 7-23)

TEXT: From the results of X-ray investigations on strengthening of metals and alloys it is concluded that, in order to increase the strength and to make it approach the theoretical, it is necessary to form states with the largest possible dispersity of grain structure.

[Abstracter's note: Complete translation]

Card 1/1

VISHNYAKOV, Ya.D.; KARDONSKIY, V.M.

Defects of packing in deformed steel. Fiz. met. i metalloved.  
15 no.5:779-781 My '63. (MIRA 16:8)

1. Moskovskiy institut stali i splavov i Tsentral'nyy nauchno-  
issledovatel'skiy institut chernoy metallurgii.  
(Steel—Metallography)  
(Crystal lattices)

SHITOVA, A.Ye.; KARDOPOL'TSEVA, A.A.

Intensification of systems for drying beech boards. Der.prom. 9  
no.7:9 JI '60. (MIRA 13:7)  
(Lumber--Drying)

PLOTNIKOVA, M.I.; KARDOPOL'TSEVA, O.I.; SALTYKOV, O.G.; UMANETS, V.N.;  
GLUSHKOVSKIY, I.B.

Stratigraphy and lithology of "interstream pebble beds" in the  
Markha-Tyung interfluve and paleogeography of the time of their  
accumulation in connection with the formation of diamond-  
bearing placer deposits in the middle Markha Basin. Trudy  
IAFAN AN SSSR Ser. geol. no.9:123-141 '63. (MIRA 16:12)



KARDOS, A. (Budapest, XI., Sztoczek u.2)

On the relation of tool life to cutting factors in turning of aluminum alloy. Periodica polytechn eng 7 no.2:117-125 '63.

1. Technical University, Budapest, Department of Technology of Machine Production. Presented by Prof. F. Lettner.

KARDOS, A. (Budapest, XI., Stoczek u.4); MULLER, J. (Budapest, XI.,  
Stoczek u.4)

Pneumatically operated dynamometer for cutting force  
measurements. Periodica polytechn eng 7 no.4:263-271  
'63.

1. Department of Technology of Machine Production, Poly-  
technical University, Budapest. Presented by Prof. Dr.  
F. Lettner.

KARDOS, Arpad, candidat in stiinte tehnice

Determining the settling coefficient of splinters in  
aluminum turning. Metalurgia constr mas 13 no. 4: 349-  
350 Ap '61.

1. Catedra de Tehnologie a Institutului Politehnic din  
Budapesta.

KARDOS, Arpadne

Demonstration methods at the Budapest Industrial Fair. Gepyartastechn  
1 no.5:183-184 Ag '61.

KARDOS, Erno, dr.

An account of the 1962 work of the Research Institute of the  
Canned Food and Paprika Processing Industry. Konzerv paprika  
no.4:109-112 J1-Ag '63.

1. Konzerv- es Paprikaipari Kutatointezet megbizott igazgatoja.

KARDOS, Erno, dr.

Dehydration, drying; effect of roasting on the composition.  
Ellelm ipar 13 no.7:218-221 J1 '59.

KARDOS, F.; SZOLGA, I.

Peritoneal tuberculosis and female genital tuberculosis. Acta  
chir. acad. sci. Hung. 4 no.3:221-229 '63.

1. Gynakologische Abteilung der Staatlichen "Fodor Jozsef"  
Heilanstalt für Tuberkulose, Budapest.

(TUBERCULOSIS, PERITONEAL)

(TUBERCULOSIS, FEMALE GENITAL)

(LAPAROTOMY) (HYSTEOSALPINGOGRAPHY)

(ADNEXA UTERI)

KARDCS, Ferenc, technikus (Budapest, XI., Budafoko ut 60)

Method for testing the flexibility of cables. Elektrotechnika 56  
no.10:439-443 0'63.

1. Magyar Kabel Muvek Kutatasi Foosztalyanak foosztalyvezetoje  
(for Kardos). 2. Magyar Kabel Muvek Kutatasi Foosztalya (for Gyulasi).



KARDOS, Ferenc, dr.

Surgical experiences with female genital tuberculosis following  
sanatorial treatment. Magy. orv. lap. 27 no.1:47-54 J '64.

1. Allami Fodor Jozsef Tbc Gyogyintezet, Nőgyógyászati Osztaly  
(igazgato: Risko Tibor dr.).

\*

KARDOS, F.

Operative experiences with female genital tuberculosis according to modern sanatorium treatment. Acta chir. acad. sci. Hung. 4 no.4:281-289 '63.

1. Gynakologische Abteilung (Chefarzt: Dr.F.Kardos) der Staatlichen "Fodor Jozsef" Heilanstalt für Tuberkulose, Budapest.

\*

KARDOS, Gyorgy, okleveles gepeszmernok

An account of the 1962-1863 activity of the Cable Research Committee. Villamossag 12 no. 4:114 Ap '64.

1. Secretary, Cable Research Committee; head, Department of Research, Hungarian Cable Works.

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Polyvinyl chloride structural elements in the electric industry  
prepared from polyethylene and by the suspension process.  
Elektrotechnika 53 no.11:492-503 '60.

1. Villamosipari Kutató Intézet.

KARDOS, Gyorgy

Application of plastic materials in the cable industry.  
Villamosag 10 no.10:296-303 0 '62.

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vezetője.

KARDOS, Gyorgy

Polyethylene insulated and sheathed telephone cables. Magy hir techn  
12 no.6:238-241 D '61.

1. Villamosipari Kutato Intezet.

KARDOS, Gyorgy

A new method for brazing small cross-section aluminum and copper wires. Villamossag 8 no.4:110-112 Ap '60.

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Dimensioning the solid conductor heavy-current cables insulated by polyethylene. Elektrotechnika 56 no.1/2:14-21 F '63.

1. Villamosipari Kutato Intezet Kabelosztalyanak vezetoje,  
Budapest, II., Lovchaz u.39.



KARDOS, Gyulane

~~Orders and the~~ construction industry. Magyar ip 10 no.3:129-135 '61.

KARDOS, Jozsef

The 1962 statistics of the foreign tourist traffic. Kozleked kozl  
19 no.14:221-222 7 Ap '63.

KARDOS, Lajos, dr., egyetemi tanár, a neveléstudományok (pszichológia)  
~~doktora~~ (Budapest, V., Pesti Barnabás u.1)

The psychological experiment. Magyar pszichológiai szemle 17 no.1:9-19  
'60.

1. Eötvös Loránd Tudományegyetem Bölcsészeti Kar lelektani  
tanszerének vezetője; "Magyar Pszichológiai Szemle" szerkesztő  
bizottsági tagja.

KARDOS, Lajos, dr., prof.

Tasks of the Subcommittee on General, Experimental and Community Psychology. Magy pszichol szemle 17 no.3:272-275 '60.

1. Magyar Tudomanyos Akademia Pszichologiai Bizottsaga  
Altalanos, Kiserleti, Kozossegi Lelektani Albizottsaganak  
elnoke; "Magyar Pszichologiai Szemle" szerkeszto bizottsagi  
tagja.

GEGESI KISS, Pal, dr., akadémikus; RETI, Laszlo, dr.; HARSANYI, Istvan, dr.;  
LIEBERMANN, Lucy P.; GARAI, Laszlo; PERCZEL, Jozsef, dr.; KARDOS,  
Lajos, dr.; MOLNAR, Imre, dr.; HORVATH, Laszlo Gabor, dr.;  
LENARD, Ferenc, dr.; SALAMON, Jenő, dr.

Hungarian achievements in the field of psychology in 1961; also,  
remarks by Laszlo Reti, Istvan Harsanyi, Lucy Liebermann, Laszlo  
Garai, Jozsef Perczel, Lajos Kardos, Imre Molnar, Laszlo Gabor  
Horvath, Ferenc Lenard and Jenő Salamon. Magyar pszichol szemle  
19 no.3:274-314 '62.

1. Magyar Tudományos Akadémia Pszichológiai Bizottsága elnöke,  
es "Magyar Pszichológiai Szemle" főszerkesztője (for Gegesi Kiss).
2. "Magyar Pszichológiai Szemle" szerkesztő bizottsági tagja (for  
Liebermann, Kardos, Molnar, Lenard). 3. "Magyar Pszichológiai  
Szemle" technikai szerkesztője (for Lenard).

KARDOS, Lajos, dr.; P. Liebermann, Lucy; HIRSCH, Margit

The 16th International Congress of Psychology, Bonn, July 31-August 6, 1960. Magyar pszichol szemle 19 no.1:52-67 '62.

1. "Magyar Pszichologiai Szemle" szerkeszto bizottsagi tagja (for Kardos and Liebermann).

TORO, Imre, dr., Kossuth-dijas akademikus; BOGNAR, Geza, dr., Kossuth-dijas akademikus; KARDOS, Laszlo, dr., Kossuth-dijas akademikus; CSUROS, Zoltan, Kossuth-dijas akademikus; MOD, Aladar, egyetemi tanar; NAGY, Laszlo, dr., kandidatus

Appeal! Term tud kozl 6 no.10:457 0 '62.

1. Tudomanyos Ismeretterjeszto Tarsulat elnoke (for Toro).
2. Tudomanyos Ismeretterjeszto Tarsulat elnokehelyettese (for Bognar, Kardos, Csuros, and Mod).
3. Tudomanyos Ismeretterjeszto Tarsulat fotitkara (for Nagy).

KARDOS, Pater

Digital measurement data processing device of a belt conveyor  
weigher. Mares automat 13 no.2/3:89-92 '65.

1. Research Institute of Automation of the Hungarian Academy  
of Sciences, Budapest.



KARDOSS, Kalman

Letter to the board of editors. Villamossag 8 no.4:117-118  
Ap '60.

1. Villanyszerelo, Bonyhad.

MAL'TSEV, F.I., inzhener, laureat Stalinskoy premii; KARDO-SYSOYEV, F.N.,  
inzhener, nauchnyy redaktor; BEGAK, B.A., redaktor; TOKER, A.M.,  
tekhnicheskiiy redaktor

[New devices for handling bricks and lightweight concrete blocks]  
Novye prispособleniya dlia transportirovaniia kirpicha i legko-  
betonnykh kamnei. Moskva, Gos. izd-vo lit-ry po stroit. i arkhi-  
tekture, 1953. 15 p. (MLRA 7:10)

(Bricks--Transportation)

(Concrete blocks--Transportation)

FEDOROV, I.G.; KARDO-SYSOYEV, F.N., inzhener, nauchnyy redaktor.

[New woodworking machines; proposals by instructors on progressive work methods] Novye derevoobrabatyvayushchie stanki; predlozhenia instruktorov peredovykh metodov truda. Moskva, Gos. izd-vo po stroitel'stvu i arkhitekture, 1953. 22 p. (MLRA 7:6)  
(Woodworking machinery)

KARDO-SYSCYEV, F.N., nauchnyy redaktor; TOKER, A.M., tekhnicheskiiy redaktor.

[Plasterboard walls filled with a gypsum-slag mixture] Karkasnye  
peregorodki s oblitsovkoj obshivochnymi gipsovymi listami i gipso-  
shlakovym zapolneniem. Moskva, Gos. izd-vo lit-ry po stroitel'stvu  
i arkhitekture, 1953. 37 p. [Microfilm] (MLBA 7:10)  
(Walls) (Plaster board)

KARDO-SYSOYEV, F.N., inzhener, redaktor; DAKHNOV, V.S., tekhnicheskij  
redaktor; PECHKOVSAYA, T.V., tekhnicheskij redaktor.

[Compulsory engineering specifications in dwelling construction] Obiazatel'nye tekhnologicheskie pravila stroitel'stva  
zhilogo zdaniia. Moskva, Gos. izd-vo lit-ry po stroitel'stvu  
i arkhitekture, 1953. 243 p. [Microfilm] (MLRA 7:12)

1. Moscow. Vsesoiuznyy nauchno-issledovatel'skiy institut  
organizatsii i mekhanizatsii stroitel'stva.  
(Building laws)

KARDO-SYSDYEV, F.N.

KARDO-SYSOEV, F.N., inzhener, nauchnyy redaktor.

[Technological diagrams for stone constructions] Tekhnologicheskie karty na kamennye raboty. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954. 61 p. (MLRA 7:8)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii stroitel'stva.  
(Masonry)

LIPOVETSKIY, M.A., kandidat tekhnicheskikh nauk; LEVINSON, A.Ye., inzhener, nauchnyy redaktor; KARDO-SYSOYEV, F.N., redaktor; MEDVEDEV, L.Ya., tekhnicheskyy redaktor.

[Concrete construction with the use of concrete pumps] Proizvodstvo betonnykh rabot s primeneniem betononasosov. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954. 78 p.  
(Concrete construction) (MLRA 7:11)

ROGOV, Kir Timofeyevich; KARDO-SYSOYEV, P.N., inzhener, redaktor; TOKER,  
A.M. tekhnicheskii redaktor.

[Wall construction of ceramic blocks with ceramic slab facing.]  
Kladka sten iz keramicheskikh blokov s oblitovkoi keramicheskimi  
plitami. 2-e izd., perer Moskva, Gos. izd-vo lit-ry po stroitel'-  
stvu i arkhitekture, 1955. 25 p. (Novatory stroitel'noi industrii)  
(Walls) (MLRA 8:8)



SEMIBRATOV, Vsevolod Nikolayevich, inzhener; ~~KARDO-SYSOYEV, F.N.~~,  
inzhener redaktor; ~~DAKHNOV, V.S.~~, tekhnicheskij redaktor.

[Guide method for bricklaying] Kladka kirpicha metodom po-  
riadovok. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit.,  
1955. 35 p. (MIRA 8:7)

(Bricklaying)

KARDO-SYSOYEV, F.N., inzhener; GROSS, K.M., instruktor peredovykh metodov  
truda; SOKLAKOV, F.V., inzhener, nauchnyy redaktor; KRYUGER, Yu.,  
redaktor izdatel'stva; MEL'NICHENKO, F.P., tekhnicheskiy redaktor

[Manual for concrete block assemblers; assembling foundations from  
large blocks] Pamiatka betonschiku-montazhniku; montazh fundamentov  
iz krupnykh blokov. Moskva, Gos. izd-vo lit-ry po stroit. i  
arkhitekture, 1956. 38 p. (MIRA 10:1)

1. Moscow. Gosudarstvennyy institut po vnedreniyu peredovykh metodov  
rabot i truda v stroitel'stve. 2. Gosudarstvennyy institut Orgstroy  
Ministerstva stroitel'stva metallurgicheskoy i khimicheskoy promysh-  
lennosti SSSR (for Kardo-Sysoyev, Gross)  
(Foundations) (Concrete blocks)

STUKANOV, Aleksandr Alekseyevich; ~~KARDO-SYSOYEV~~, F.N., nauchnyy redaktor;  
POPOV, V.I., redaktor izdatel'stva; ~~VOLKOV~~, V.S., tekhnicheskii  
redaktor

[Scaffolding mechanized by means of walking jacks] Mekhanizirovannye  
podmosti na shagaiushchikh domkratakh. Moskva, Gos. izd-vo lit-ry po  
stroit. i arkhitekture, 1956. 82 p. (MLRA 9:8)  
(Scaffolding)

(KARDO-SYSOYEV, F.N.

KOROLEV, Vasil'y Vasil'yevich; KARDO-SYSOYEV, F.N., inzhener, nauchnyy  
redaktor; KRYUGER, Yu.V., redaktor izdatel'stva; GUSEVA, S.S.,  
tekhnicheskoy redaktor

[Preparation of large brick blocks] Izgotovlenie krupnykh kirpich-  
nykh blokov. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekt.;  
1957. 27 p. (MIRA 10:6)  
(Bricklaying)

*KARDO-SYSOYEV, F.N.*  
ZUYEV, Mikhail Ivanovich, pochetnyy stroitel'; KARDO-SYSOYEV, F.N.,  
inzhener, nauchnyy redaktor; KRYUGER, Yu.V., redaktor izdatel'-  
stva; EL'KINA, E.M., tekhnicheskoy redaktor.

[Efficient methods in masonry work] Ratsional'nye metody kamen-  
nykh rabot. Moskva, Gos.izd-vo lit-ry po storit.i arkhitekt. 1957.  
64 p. (MLRA 10:6)

(Masonry)

KARDO-SYSOYEV, F. N.

ROGAL'SKIY, B.I.; ~~KARDO-SYSOYEV~~, F.N., inzhener, nauchnyy redaktor;  
KRYUGER, Yu.V., redaktor izdatel'stva; EL'KINA, E.M., tekhnicheskiy  
redaktor

[Bricklayer's manual] Pamiatka kamenshchiku. Moskva, Gos.izd-vo  
lit-ry po stroit. i arkhitekt., 1957. 74 p. (MLRA 10:10)

1. Moscow. Gosudarstvennyy institut po vnedreniyu peredovykh  
metodov rabot i truda v stroitel'stve.  
(Bricklaying)

SHIRKOV, I.P., laureat Stalinskoy premii; FINKELITE, F.J., inzh.; KARDO-  
-SYSOYEV, P.N., inzh., nauchnyy red.; TYAPKIN, B.G., red.izd-va;  
KRYUGER, Yu.V., red.izd-va; BOROVNEV, N.E., tekhn.red.

[Album of drawings of equipment and devices for mechanized  
transportation of bricks in packets] Al'bom chertezhei oboru-  
dovaniia i prieposoblenii dlia kompleksnoi mekhanizatsii dostavki  
kirpicha paketami. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt.  
i stroit. materialam, 1958. 117 p. (MIRA 12:1)  
(Bricks--Transportation)

*KARDO-SYSOYEV, F.N.*

ORLYANKIN, N.M.; KARDO-SYSOYEV, F.N., inzh., nauchnyy red.; ZELENYAEVA, N.N.,  
red. izd-va; STEPANOVA, E.S., tekhn. red.

[Lightweight walls according to the system of N.S. Popov, N.M.  
Orliankin and R.N. Popova] Oblegchennye steny sistem N.S. Popova,  
N.M. Orliankina i R.N. Popovoi. Moskva, Gos. izd-vo lit-ry po stroit.,  
arkhit. i stroit. materialam, 1958. 93 p. (NIRA 11:7)  
(Walls)



SMIRNOV, N.H.. Prinimal uchastiye: KARDO-SYSOYEV, F.N., inzh.. KRYUGER,  
Yu.V., red.izd-va; RUDAKOVA, N.I., tekhn.red.

[Stonemason A.M.Gorev] Kamenshchik A.M.Gorev. Moskva, Gos.  
izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1959.  
35 p. (MIRA 13:1)  
(Gorev, Aleksandr Mikhailovich, 1904- )

KARDONNYY, N.V., inzh.

Economic effectiveness of spanning the Yenisei River using a pioneer  
method. Energ. stroi. no.41:31-34 '64. (MIRA 17:11)

Studies on the photosynthesis of some plants of Central Asia. S. P. KOSTICHENKO and E. K. KAMAL-SAMURAYEV. Bull. Acad. Sci. USSR Div. Earth Sci., 1958, no. 1, 10-14, 12 refs. The results of these studies were obtained in areas where  $C_4$  assimilation of the leaf is present in greater or lesser degree. The observations were obtained with different curves, even of different species, indicating the influence of external factors. It was shown that most of the results of earlier investigations must be rejected because they were carried out with leaves separated from the mother plant. Also it is quite possible that observations with leaves taken from different points in the daily course, making comparisons of doubtful value. It was also shown that certain of photoperiodic results are based on the use of a non-saturated, and on the weight of the leaf wholly unaccounted for. Moreover, it appeared that in some of the leaves were undecomposed the complete energy of photoperiodic photosynthesis. As these did not permit the observation of very sharp fluctuations in the daily course of photosynthesis, not of maximal yields of synthesized products under most extreme conditions. Central Asia was chosen as a region of typical but not of extreme conditions.



18C

Oxidation of ascorbic acid (vitamin-C) in plants. H. (Gurantz and E. Kando-Gurozava) (Comp. rend. Acad. Sci. U.R.S.S. 1937, 14, 307—311).—Plant tissue is comminuted, extracted with H<sub>2</sub>O, and filtered by Williams' method before and after passage of H<sub>2</sub>S and subsequently of O<sub>2</sub>, all operations (except the last) being performed in CO<sub>2</sub>. The contents of ascorbic acid (I), its convertible (II), and dog rose are thus determined. Dog rose contains an enzyme which catalyzes oxidation of (I) to (II), but not to (III); apples, hore-radish, contain enzymes which catalyze both oxidations. The solid parts of the plant contain an enzyme which catalyzes the change, (I) → (III); the eq. extract contains a second enzyme, which catalyzes only the reaction, (I) → (II). Low and high (I) or (II) content of plants, respectively, of the enzyme. The presence of much (I) and (II) in hore-radish is due to inability of O<sub>2</sub> to penetrate the cell walls and to the occurrence of the vitamin and enzyme in separate cells; after continuation the vitamin rapidly disappears.

R. S. C.

3-claim lab. of the all-known vitamin dist. brought

The condition of vitamin C in plants. M. A. Gidder and E. K. Rando-Szymer, *Horticult.* 3, 334-347 (1955). Annual Rev. of Hort. Sci., 1955, 1, 334-347 (1955).

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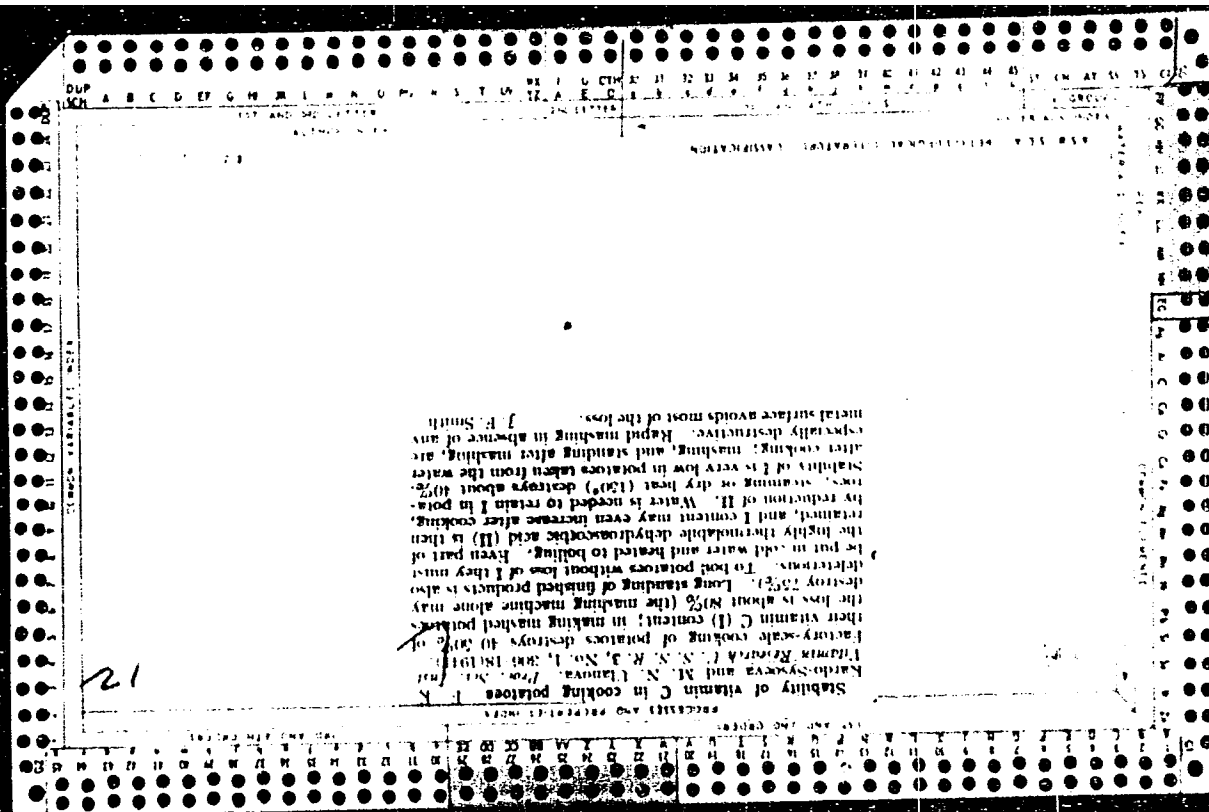
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<p>Systems influencing stability of vitamin C in plants.            L. K. Kardo-Sysoeva. Proc. Sci. Inst. Vitamin Research            U. S. S. R. No. 1, 170-6 (1941); cf. C. A. 33, 250.            Systems influencing stability of vitamin C (1) were studied            in tomatoes and blue egg plant. Tomato tomatoes contain            a thermolabile desmolysic enzyme dissolved in the juice and            a thermolabile stabilizer which is marked by the enzyme.            The juice promotes oxidation of L. In ripe tomatoes the            enzyme disappears but the stabilizer remains and makes            the cupiferous factor. The juice stabilizes L against            oxidation. Blue egg plant lacks the stabilizer and con-            tains a highly thermolabile oxidizing factor retaining up            to 20% of its oxidation capacity when heated to 140°. These plants may contain an enzyme and an inorg. activa-            tor, only the enzyme being destroyed by boiling. This theory is considered somewhat more probable than Elmer's theory that ascorbinase contains Cu combined with a pro-            tem, but exptl. work has not yet progressed far enough to confirm either theory.</p> <p>Julian F. Smith</p>																																																																													
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Catalytic thermal reduction of dehydroascorbic acid																																																			
E. K. Kharad-Sysoeva, Proc. Sci. Inst. Vitamin Research																																																			
No. 1, 177-82(1941).—From experiments in																																																			
vitro it appears that the rate in vitamin C (II) when pota-																																																			
sides or tomatoes are boiled is due to catalytic reduction of																																																			
dehydroascorbic acid (III) in absence of O <sub>2</sub> . The catalytic																																																			
is Cu and the reaction is complete in the first few min.																																																			
About 40-50% of all the II is reduced; the rest is thermally																																																			
decomposed. Reduction velocity depends on Cu concn.																																																			
reaching a max. when the mol. ratio Cu:II is about 1:5.																																																			
The optimum pH is 4.4. The reduction product can be																																																			
reoxidized in presence of Cu or of ascorbate. Identity																																																			
of the reduction product with I was proved by chem. tests																																																			
and biol. assays.																																																			
Julian P. Smith																																																			



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<p>Use of walnut leaves in concentrates of vitamin C and carotene. R. K. Karido-Syrovaya (Moscow) Can. J. Bot. 1945.</p> <p>berry, South Kazakhstan. Walnut leaves from Buzandzha contain No. 2, 10-20 mg. ascorbic acid (I) and over 30 mg. % carotene (II). Vitamin potency ap- pears to be high in early autumn. The content of II in sun-dried, fumigated leaves was 20-30 mg. % and in shade-dried, unfumigated leaves 40-60 mg. % in 10 hrs. 40% in 2 days. Dried leaves when sealed keep well; unsealed, in humid weather, they may lose 30% of their initial I content in 2 months. Wet suliding can be effected by fumigating wet leaves with SO<sub>2</sub> or by soaking fresh leaves in wj. H<sub>2</sub>SO<sub>4</sub>. From trials it appears that con- use of walnut leaves for making vitamin concentrates is feasible. Strips of I can be made with 150-650 human doses per kg. Tables show losses of I and II after dry and wet suliding and after drying under various conditions.</p> <p>Iulian F. Smith</p>																																																																																																							
<p>17</p>																																																																																																							

KARDO-SYSOYEVA, E.K.

Alcohol yields in yeast fermentation. I. Determining actual yields of alcohol in fermenting wood hydrolyzates. E. K. Kardo-Sysoeva and V. A. Utenkova-Rantsev (All-Union Hydromyrt and Sulfite Alc. Research Inst., Leningrad). *Mikrobiologiya* 22, 551-5 (1953).—Yields of EtOH were detd. in fermenting glucose, and neutralized wood hydrolyzates alone and with added glucose. In calcg. yields, errors in estg. fermentable sugar content lead to results as high as 250% of theory. Actual yields are about 82-83% of theory, or 52-57 l./100 kg. of fermentable sugar in the initial mash. Common errors are failure to allow for sugar losses in prepg. the mash, and including reducing nonsugars as sugar. Fermentable sugars can be estd. from EtOH yields as compared with known glucose or mixed hexose (glucose:mannose:galactose 77:18:5) mashes. Stability of com. yeasts and their physiol. state can also be estd. from the EtOH yield of known mashes. II. Significance of strains and yeast nutrition conditions in alcoholic fermentation. *Ibid.* 682-8.—Com. yeasts, used several years, have higher dehydrogenase activity than pure malt yeast cultures; the main reason is acquired capacity to ferment reducing nonsugars in hydrolyzate mashes. These nonsugars can be removed with  $Pb(OAc)_2$  and  $H_2S$  (sometimes with  $H_2S$  alone). Decolorizing time (min.) was: with 0.1M EtOH as H donor 50; 0.1M glucose 70; no donor (com. yeast and mash) 74; no donor (pure yeast, strain XII, in culture media) 97, 172, and 175. Reduction is activated by EtOH but not by glucose; and  $H_2S$  lowers reducing power of nonsugars in the hydrolyzate exactly as much as do com. yeasts. Apparently C:O groups are reduced to  $CHOH$ . Julian F. Smith